

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((("5057936") or ("4791676") or ("4630306"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/09 10:55
S2	1	10/812517	US-PGPUB; USPAT	OR	ON	2007/03/07 15:52
S3	1	("4802231").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/07 15:52
S4	30	("4348550"   "4349700"   "4713778").PN. OR ("4802231").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:10
S5	21	"6181438"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:18
S7	1	("6121986").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/07 16:19
S8	20	("4026643"   "4245272"   "4473029"   "4546060"   "5235388"   "5253934"   "5257039"   "5300960"   "5412212"   "5416564"   "5523831"   "5631728"   "5649266"   "5839020").PN. OR ("6121986").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:29
S9	1	10/785676	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:31
S10	29351	exposure near2 control\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:31
S11	11693	S10 and edge	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:31
S12	10013	S11 and background	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:32
S13	2505	S12 and printer	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:32
S14	451	S13 and interior	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:33
S15	112	S14 and ("358".clas. or "399".clas. or "382".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:35
S16	67	S15 and (character or letter or symbol)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:36

## EAST Search History

S17	29	S15 and ((character or letter or symbol) same (edge or background or interior))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:36
S18	17	("3960446"   "4125829"   "4302098"   "4439790"   "4473314").PN. OR ("4707715").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:45
S19	11	("4010446"   "4707715"   "5083217").PN. OR ("5204752").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 16:55
S20	27	("3997912"   "4641356"   "4747157"   "4783839"   "4833723"   "4856074"   "4977604"   "5038388"   "5058189"   "5081692"   "5101445"   "5129013"   "5181255"   "5181261"   "5204752"   "5218350"   "5245432"   "5272764"   "5311598"   "5335295").PN. OR ("5710839").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 18:05
S21	24	("3970991"   "4644585"   "4856074"   "4901365"   "4907285"   "4933979").PN. OR ("5058189").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 19:15
S22	40	((thin\$5 and thicken\$5) with character) same print\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 19:16
S23	5	("5054099"   "5748798"   "5799113"   "5887081").PN. OR ("6154575").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 19:28
S24	16	("5099435"   "5155805"   "5280576"   "5295240"   "5309554"   "5398311"   "5473709"   "5475807"   "5526476").PN. OR ("5867172").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 19:32
S25	10	("4675830"   "4785391"   "4931953"   "5050103"   "5295240").PN. OR ("5714987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 20:15
S26	289	bitmap adj font	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 20:15
S27	119	S26 and (thin\$5 or thicken\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 20:16
S28	119	S27	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 20:16
S29	7521	foster.in. or rombola.in.	US-PGPUB; USPAT	OR	ON	2007/03/09 15:16
S30	16	S29 and thinning and pixel	US-PGPUB; USPAT	OR	ON	2007/03/09 16:36
S31	6860	(thinning or thickening) same edge	US-PGPUB; USPAT	OR	ON	2007/03/09 16:49

## EAST Search History

S32	10267	((thin\$4 or thicken\$3) same edge) and pixel	US-PGPUB; USPAT	OR	ON	2007/03/09 16:37
S33	145	S32 and (convert\$5 adj binary)	US-PGPUB; USPAT	OR	ON	2007/03/09 16:40
S34	23	S32 and (convert\$5 near6 (binary and (multi\$1bit or (multi adj bit) or contone)))	US-PGPUB; USPAT	OR	ON	2007/03/09 16:46
S35	1058	(convert\$5 near10 ((binary or single\$1bit or (single adj bit)) and (multi\$1bit or (multi adj bit) or contone)))	US-PGPUB; USPAT	OR	ON	2007/03/09 16:48
S36	1254	(convert\$5 near10 ((binary or single\$1bit or (single adj bit)) and (multi\$1bit or (multi adj bit) or contone or (continuous adj tone))))	US-PGPUB; USPAT	OR	ON	2007/03/09 16:49
S37	46	S36 and ((thin\$4 or thicken\$4) same edge)	US-PGPUB; USPAT	OR	ON	2007/03/09 16:49
S38	14	S37 and foster.in.	US-PGPUB; USPAT	OR	ON	2007/03/09 16:50
S39	32	S37 not S38	US-PGPUB; USPAT	OR	ON	2007/03/09 16:59
S40	0	("9270538").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/09 16:59
S41	2	09/270538	US-PGPUB; USPAT	OR	ON	2007/03/09 16:59
S42	9	("4010446"   "5357353"   "5838455"   "5850293"   "5867285"   "5974191").PN. OR ("6631207").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/09 17:02
S43	0	S42 and binary	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/09 17:02

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	("4321610"   "4815010"   "4819189"   "4847641"   "5029108"   "5081689").PN. OR ("5361330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:12
L2	158	358/1.7.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:12
L3	4872	358/1.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:12
L4	531	358/1.11.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:12
L5	1691	358/1.18.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:12
L6	58	358/2.99.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:12
L7	254	358/3.01.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L9	78	358/3.02.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L10	364	358/3.03.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L11	65	358/3.15.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L12	101	382/163.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L13	710	382/165.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L14	1491	382/167.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L15	549	382/176.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L16	257	382/177.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13

## EAST Search History

L17	139	382/185.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:13
L18	608	382/187.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:14
L20	214	382/191.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:14
L21	1344	382/199.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:14
L22	207	345/636.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:14
L23	755	345/660.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:14
L24	64	345/469.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:14
L25	239	345/472.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:14
L26	41380	L2 or L3 or L4 or L5 or L6 or L7 or L8 or L9 or L10 or L11 or L12 or L13 or L14 or L15 or L16 or L17 or L18 or L19 or L20 or L21 or L22 or L23 or L24 or L25	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:15
L27	794	L26 and (edge near6 (character or font))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:16
L28	415	L27 and binary	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:17
L29	304	L28 and printer	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:17
L30	86	L29 and edge.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:17
L31	90	("3737855"   "3952144"   "4194221"   "4196453"   "4196454"   "4210936"   "4245258"   "4251837"   "4259694"   "4280144"   "4326258"   "4328426"   "4339774"   "4345314"   "4349846"   "4400738"   "4403257").PN. OR ("4577235").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 13:17

## EAST Search History

S1	0	("Flickner.in.").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/14 14:02
S2	32	Flickner.in.	US-PGPUB; USPAT	OR	ON	2006/09/14 14:03
S3	0	S2 and "358".clas.	US-PGPUB; USPAT	OR	ON	2006/09/14 14:03
S4	31	("3408485"   "3889234"   "4069411"   "4115804"   "4183013"   "4189711"   "4484346"   "4624013"   "4630306"   "4630307").PN. OR ("4791676"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 14:07
S5	1	("4672186").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/14 14:18
S6	0	("MICRor(MagneticadjInkadjCharacter adjRecognition)").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/14 14:19
S7	2376	MICR or(Magnetic adj Ink adj Character adj Recognition)	US-PGPUB; USPAT	OR	ON	2006/09/14 14:19
S8	927	S7 near6 print\$3	US-PGPUB; USPAT	OR	ON	2006/09/14 14:19
S9	188	S8 and ("358".clas. or "382".clas.)	US-PGPUB; USPAT	OR	ON	2006/09/14 14:37
S10	1	10/213,024.app.	US-PGPUB; USPAT	OR	ON	2006/09/14 14:30
S11	1	10/812517.app.	US-PGPUB; USPAT	OR	ON	2006/09/14 14:31
S12	24	S9 and bitmap	US-PGPUB; USPAT	OR	ON	2006/09/14 15:25
S13	1	("4630306").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/14 15:25
S14	1	10/812517	US-PGPUB; USPAT	OR	ON	2007/03/10 17:19
S15	2	((("5005139") or ("4847641"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/10 17:39
S16	58	(unsharp adj mask) and edge and character	US-PGPUB; USPAT	OR	ON	2007/03/10 17:40
S17	6	(unsharp adj mask) same (edge and character)	US-PGPUB; USPAT	OR	ON	2007/03/10 17:46
S18	155	(unsharp adj mask) same (edge)	US-PGPUB; USPAT	OR	ON	2007/03/10 17:46
S19	149	S18 not S17	US-PGPUB; USPAT	OR	ON	2007/03/10 18:35
S20	1	("5057936").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/11 11:26
S21	1	("4630306").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/11 11:26

## EAST Search History

S22	78	("3737881"   "3887762"   "4080652"   "4107648"   "4183013"   "4189711"   "4379308"   "4445191").PN. OR ("4630306").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 11:29
S23	57	S22 and edge	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 11:30
S24	0	S22 and (edge with correction with direction)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 11:30
S25	0	S22 and ((edge with correction) same direction)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 11:30
S26	2041	((edge with correction) same direction)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 11:31
S27	1005	((edge with correction) with direction)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 11:31
S28	46704	S27 and "358".clas. or "382".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 11:31
S29	146	S27 and ("358".clas. or "382".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/11 11:31